

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091218\
 Data File : PR032008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2018 15:12
 Operator : SM\SJ
 Sample : PB112761BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:10:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 13 01:38:59 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.519	3.650	316.9E6	626.9E6	14.564	14.940
2)	SA Decachlor...	10.265	8.511	591.1E6	488.3E6	23.367	25.800
Target Compounds							
3)	L1 AR-1016-1	5.220	4.302	23559027	46612096	40.988	39.680
4)	L1 AR-1016-2	5.413	4.703	23419858	77865293	40.113	43.793
5)	L1 AR-1016-3	5.678	4.719	37090516	130.3E6	41.246	41.019
6)	L1 AR-1016-4	5.763	4.776	32422955	69685806	41.900	38.909
7)	L1 AR-1016-5	6.154	5.139	29015166	71761414	44.076	41.990
8)	L2 AR-1221-1	0.000	3.853	0	5044686	N.D.	11.303 #
9)	L2 AR-1221-2	4.823	3.944	7254166	13200702	39.957	40.044
10)	L2 AR-1221-3	4.886	4.014	16127211	24996371	28.024	22.798
11)	L3 AR-1232-1	5.701	4.488	53612406	59335585	103.015	103.465
12)	L3 AR-1232-2	5.861	4.600	29355745	20939556	110.122	107.461
13)	L3 AR-1232-3	6.034	4.971	8159344	66448935	116.752	116.044
14)	L3 AR-1232-4	6.363	5.282	5315759	74133537	75.520	99.792 #
15)	L3 AR-1232-5	7.223	5.868	13560351	59008715	276.730	623.117 #
16)	L4 AR-1242-1	5.250	4.320	12342949	34194388	46.758	57.711
17)	L4 AR-1242-2	5.996	4.892	26102598	64214835	55.022	52.270
18)	L4 AR-1242-3	6.196	5.000	12531964	23068676	54.067	55.146
19)	L4 AR-1242-4	6.241	5.354	8932038	30493206	51.641	77.738 #
20)	L4 AR-1242-5	6.295	5.741	24159208	5853046	40.497	6.706 #
21)	L5 AR-1248-1	5.950	4.930	26013709	55381042	33.633	32.418
22)	L5 AR-1248-2	6.530	5.479	28835164	85222939	36.071	24.631 #
23)	L5 AR-1248-3	6.555	5.521	5204765	30084751	4.851	12.190 #
24)	L5 AR-1248-4	6.595	5.672	5787897	5505927	5.712	2.225 #
25)	L5 AR-1248-5	6.792	6.027	738036	143.2E6	1.101	89.723 #
26)	L6 AR-1254-1	6.745	5.622	27917322	95809137	14.834	25.472 #
27)	L6 AR-1254-2	7.013	5.925	16325060	6792160	13.918	2.362 #
28)	L6 AR-1254-3	7.112	6.242	20000726	26570182	9.602	5.893 #
29)	L6 AR-1254-4	7.395	6.551	10403464	16334020	6.361	7.524
30)	L6 AR-1254-5	7.659	6.647	36986123	205.0E6	32.295	52.010 #
31)	L7 AR-1260-1	7.275	6.141	75784032	201.6E6	57.704	58.040
32)	L7 AR-1260-2	7.529	6.326	85624370	235.2E6	53.566	55.343
33)	L7 AR-1260-3	7.813	6.476	108.9E6	176.8E6	63.179	52.842
34)	L7 AR-1260-4	8.116	6.936	68834082	116.2E6	57.574	55.651
35)	L7 AR-1260-5	8.438	7.176	133.7E6	277.2E6	49.468	62.865 #
36)	L8 AR-1262-1	7.171	6.027	47142768	143.2E6	67.591	81.277
37)	L8 AR-1262-2	7.947	6.734	34883884	82828199	58.369	60.779
38)	L8 AR-1262-3	8.198	7.031	32878650	72996435	66.275	62.639
39)	L8 AR-1262-4	8.826	7.450	47971640	55351880	34.405	37.206
40)	L8 AR-1262-5	9.505	8.005	53527070	45870269	48.636	42.239
41)	L9 AR-1268-1	7.889	6.680	63138891	155.6E6	91.310	101.315

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 ALS Vial : 19 Sample Multiplier: 1

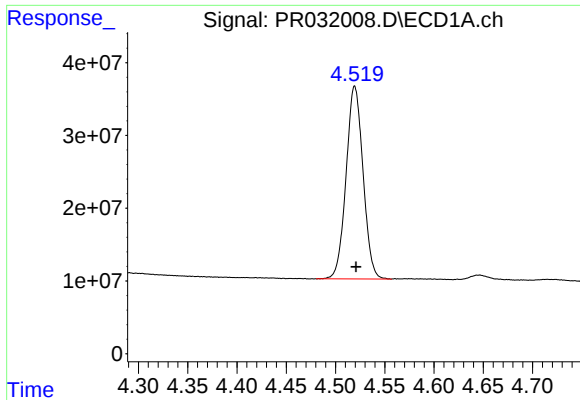
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:10:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091218.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.116	7.516	68834082	155.3E6	78.241	44.377 #
43) L9	AR-1268-3	8.768	7.711	80258426	23911858	21.648	8.464 #
44) L9	AR-1268-4	9.079	7.803	13297053	12040129	4.348	14.273 #
45) L9	AR-1268-5	9.924	8.278	22680314	17495847	2.393	2.470

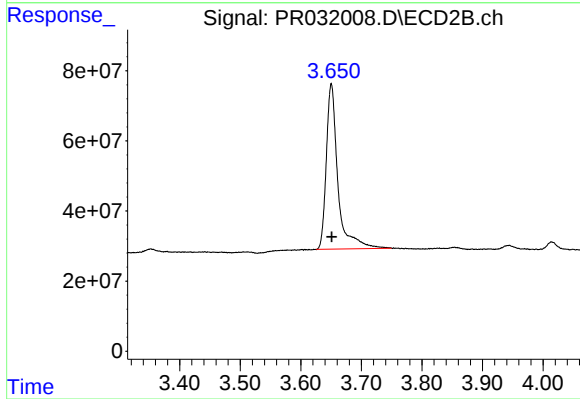
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

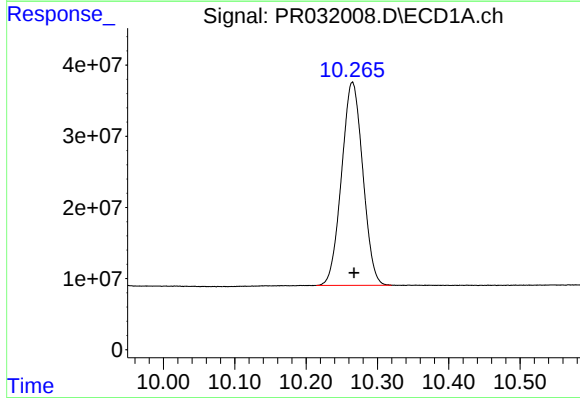
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 316908778
Conc: 14.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



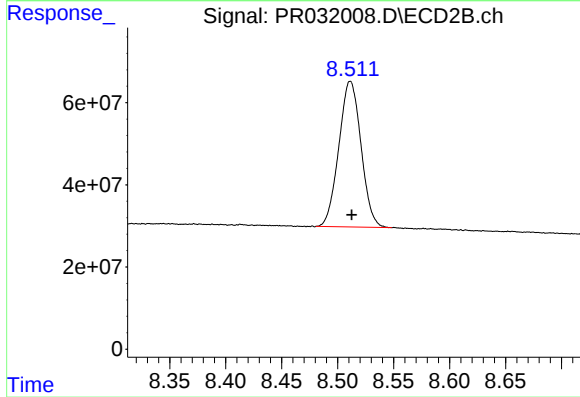
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: 0.000 min
Response: 626850613
Conc: 14.94 ng/ml



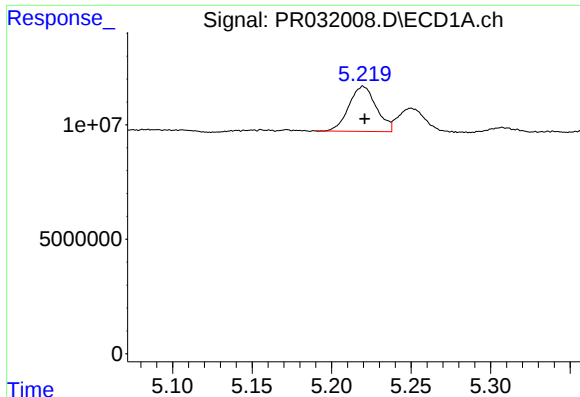
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: -0.002 min
Response: 591123729
Conc: 23.37 ng/ml



#2 Decachlorobiphenyl

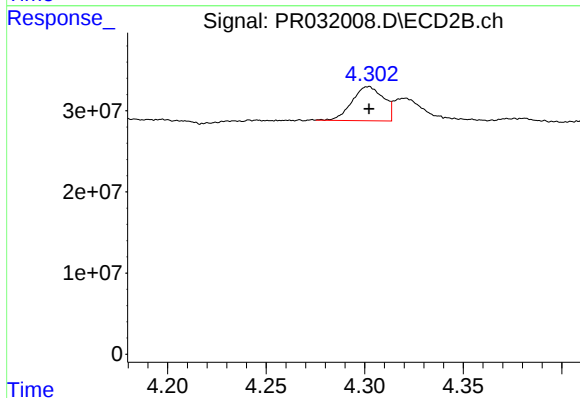
R.T.: 8.511 min
Delta R.T.: -0.001 min
Response: 488296021
Conc: 25.80 ng/ml



#3 AR-1016-1

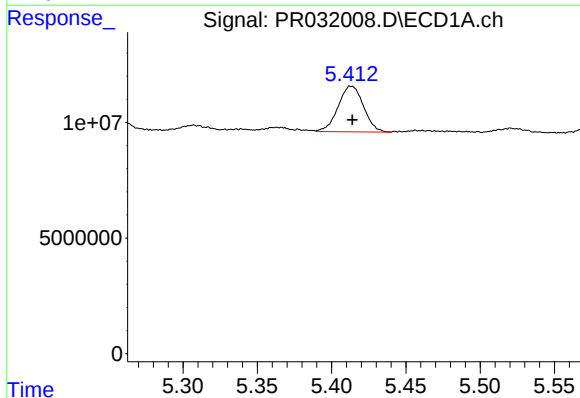
R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 23559027
Conc: 40.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



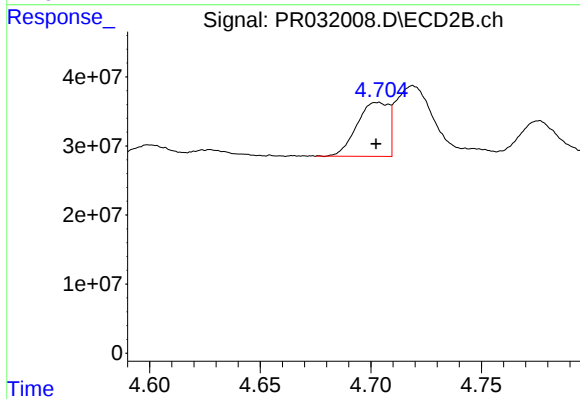
#3 AR-1016-1

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 46612096
Conc: 39.68 ng/ml



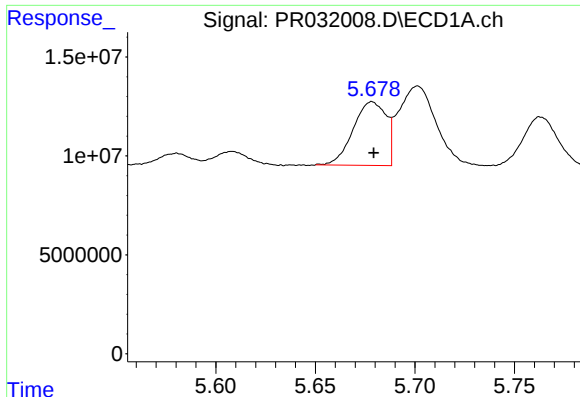
#4 AR-1016-2

R.T.: 5.413 min
Delta R.T.: 0.000 min
Response: 23419858
Conc: 40.11 ng/ml



#4 AR-1016-2

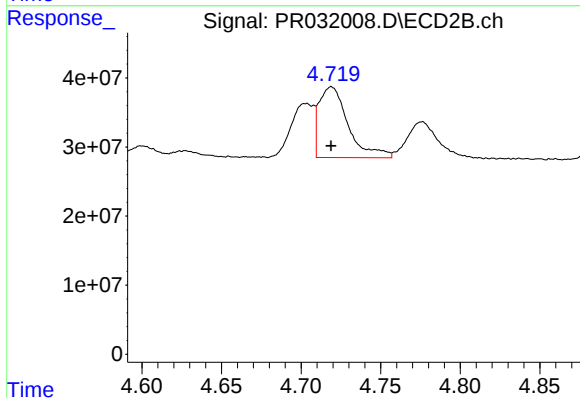
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 77865293
Conc: 43.79 ng/ml



#5 AR-1016-3

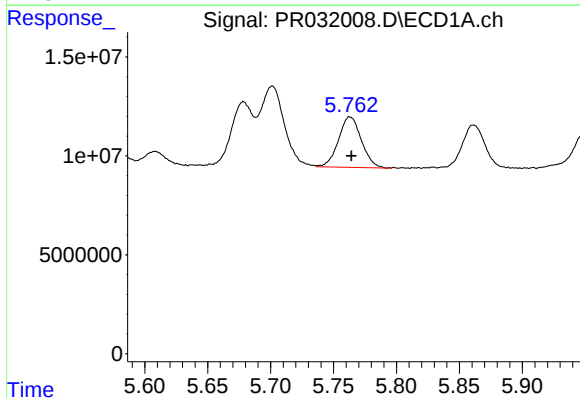
R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 37090516
Conc: 41.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



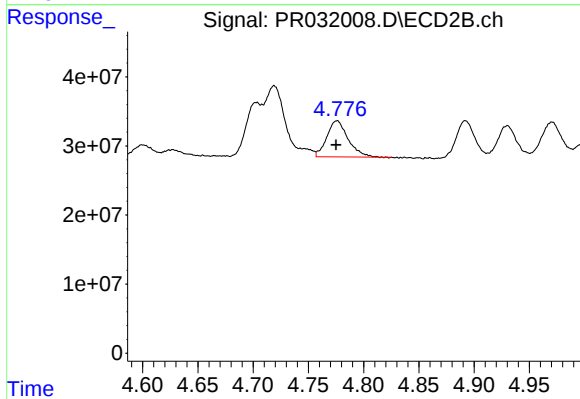
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 130260054
Conc: 41.02 ng/ml



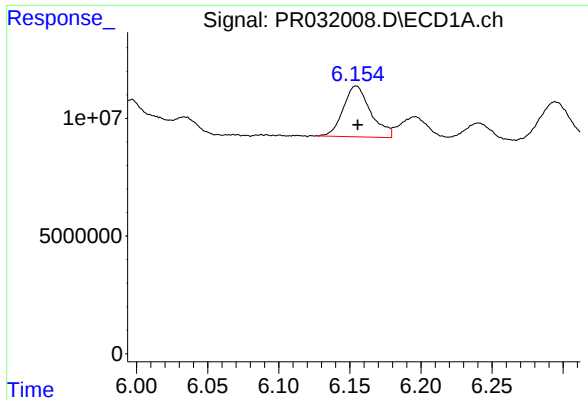
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: -0.001 min
Response: 32422955
Conc: 41.90 ng/ml



#6 AR-1016-4

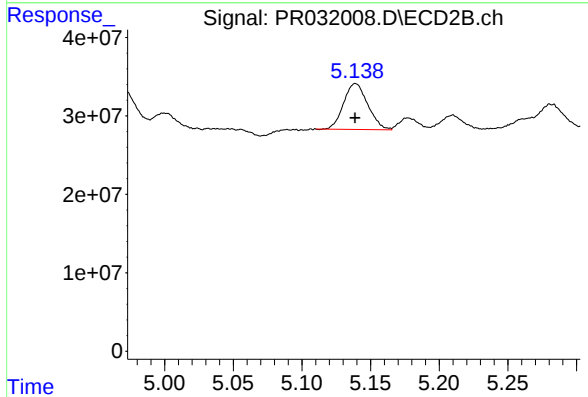
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 69685806
Conc: 38.91 ng/ml



#7 AR-1016-5

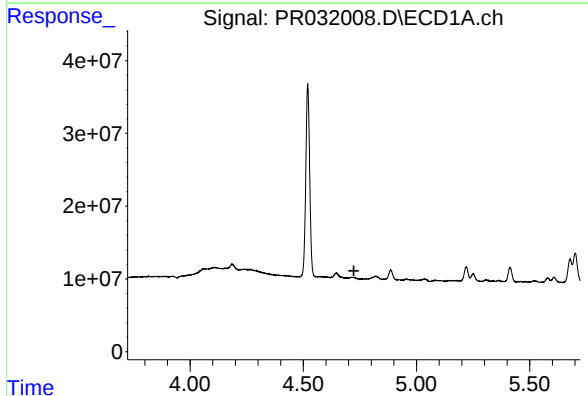
R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 29015166
Conc: 44.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



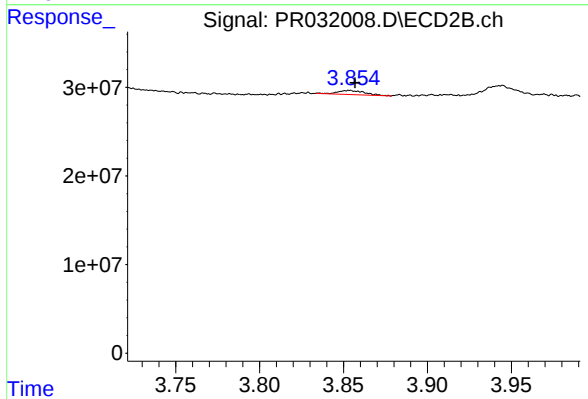
#7 AR-1016-5

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 71761414
Conc: 41.99 ng/ml



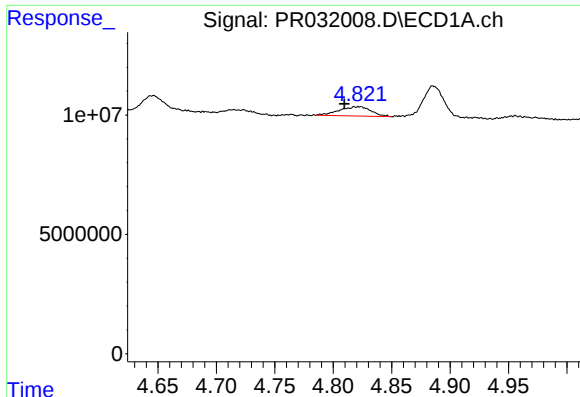
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.724 min
Response: 0
Conc: N.D.



#8 AR-1221-1

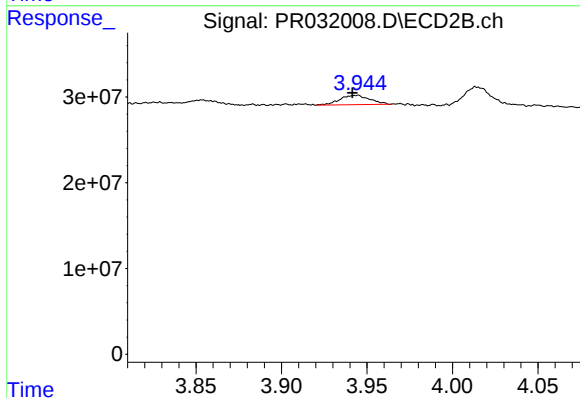
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 5044686
Conc: 11.30 ng/ml



#9 AR-1221-2

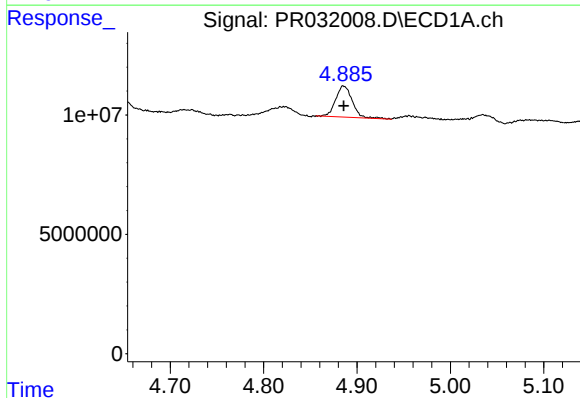
R.T.: 4.823 min
Delta R.T.: 0.013 min
Response: 7254166
Conc: 39.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



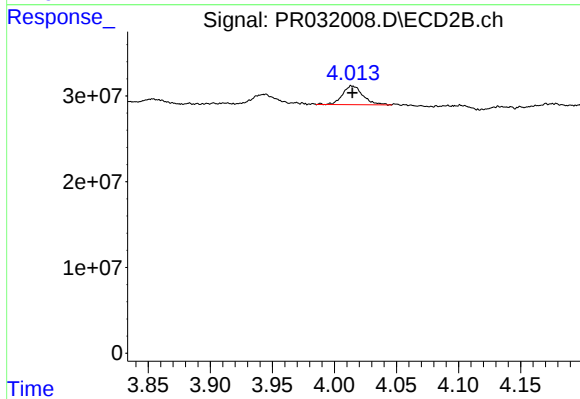
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.003 min
Response: 13200702
Conc: 40.04 ng/ml



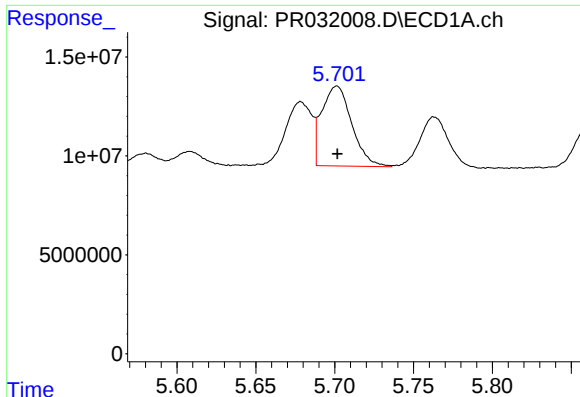
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 16127211
Conc: 28.02 ng/ml



#10 AR-1221-3

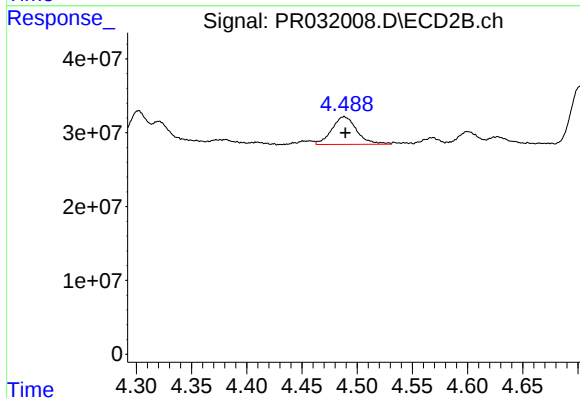
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 24996371
Conc: 22.80 ng/ml



#11 AR-1232-1

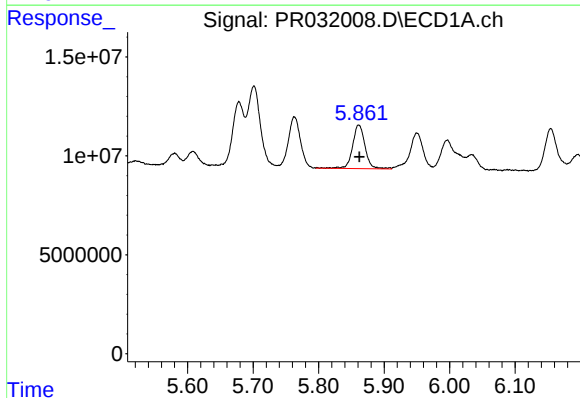
R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 53612406
Conc: 103.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



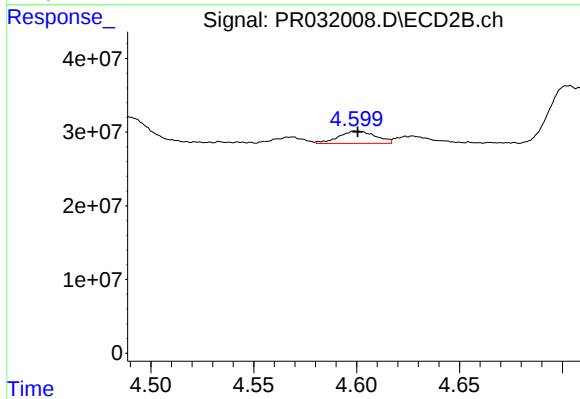
#11 AR-1232-1

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 59335585
Conc: 103.47 ng/ml



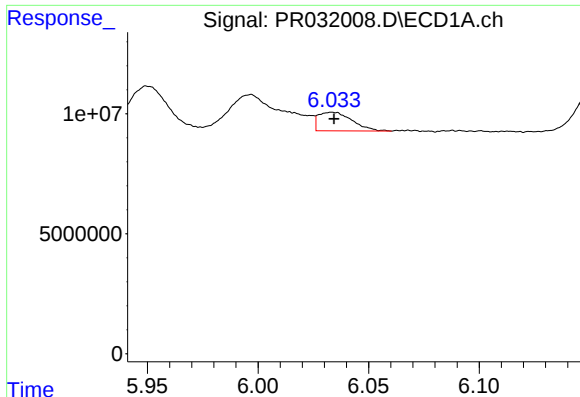
#12 AR-1232-2

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 29355745
Conc: 110.12 ng/ml



#12 AR-1232-2

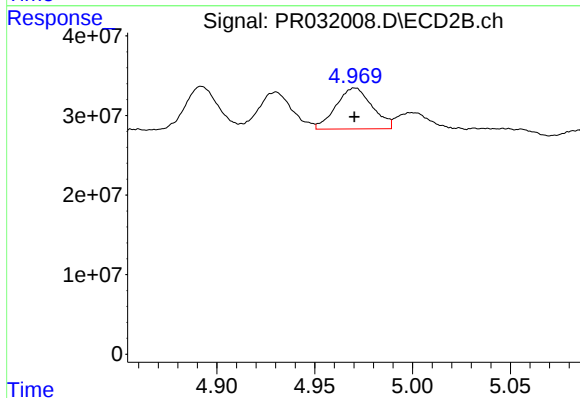
R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 20939556
Conc: 107.46 ng/ml



#13 AR-1232-3

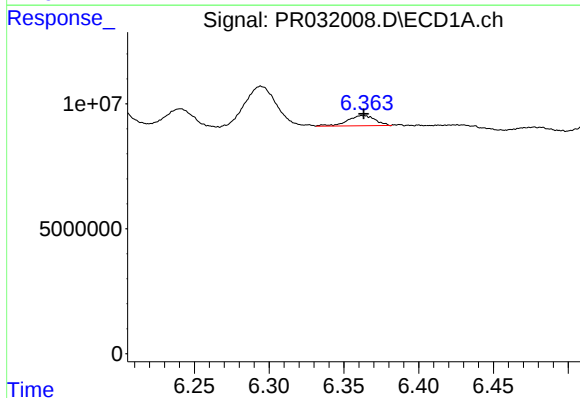
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 8159344
Conc: 116.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



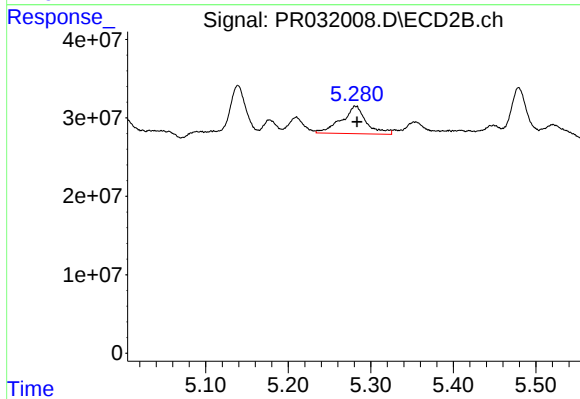
#13 AR-1232-3

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 66448935
Conc: 116.04 ng/ml



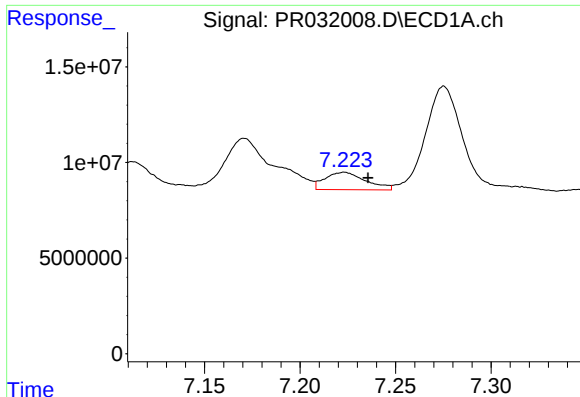
#14 AR-1232-4

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 5315759
Conc: 75.52 ng/ml



#14 AR-1232-4

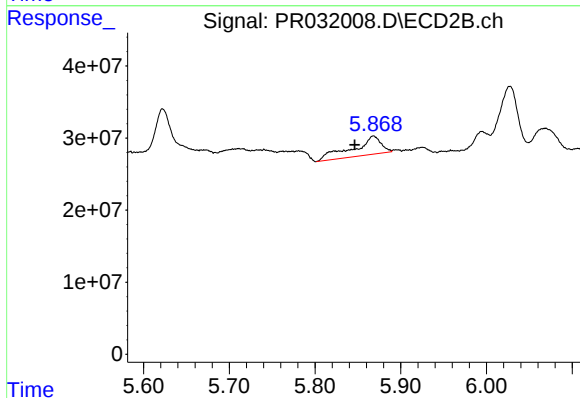
R.T.: 5.282 min
Delta R.T.: -0.002 min
Response: 74133537
Conc: 99.79 ng/ml



#15 AR-1232-5

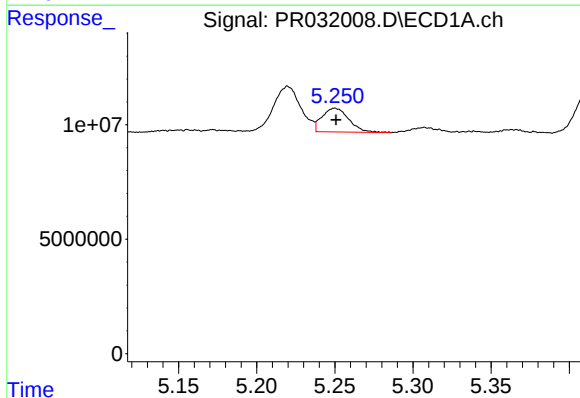
R.T.: 7.223 min
Delta R.T.: -0.012 min
Response: 13560351
Conc: 276.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



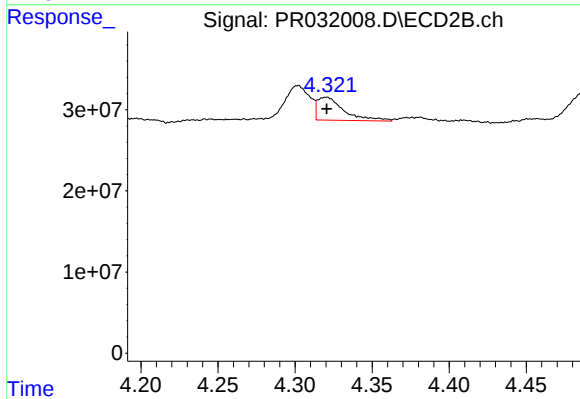
#15 AR-1232-5

R.T.: 5.868 min
Delta R.T.: 0.022 min
Response: 59008715
Conc: 623.12 ng/ml



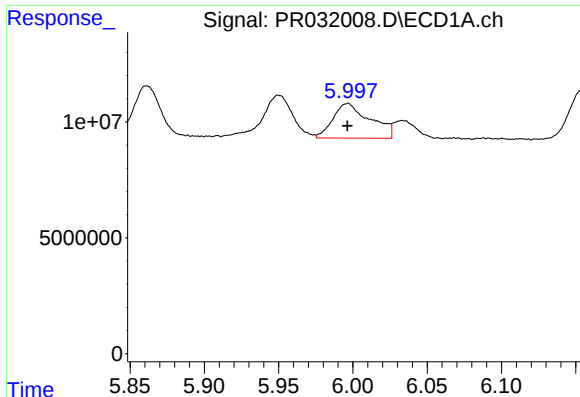
#16 AR-1242-1

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 12342949
Conc: 46.76 ng/ml



#16 AR-1242-1

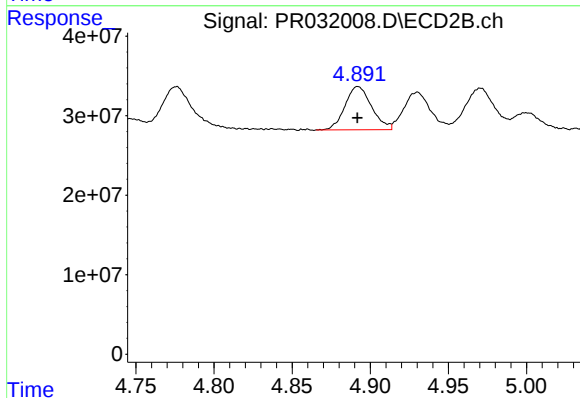
R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 34194388
Conc: 57.71 ng/ml



#17 AR-1242-2

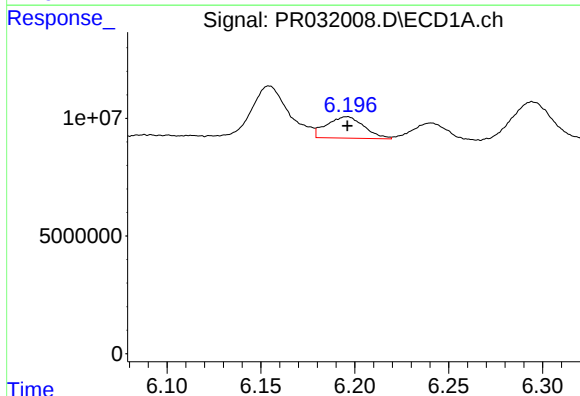
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 26102598
Conc: 55.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



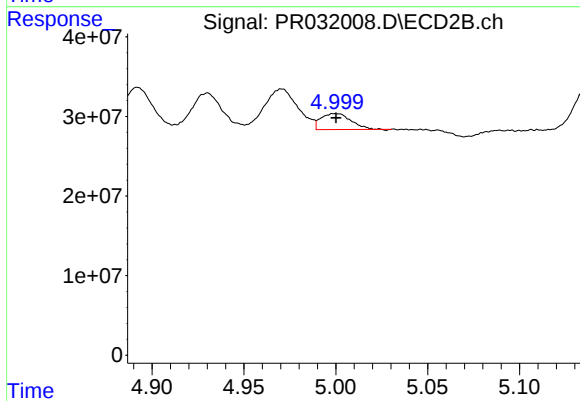
#17 AR-1242-2

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 64214835
Conc: 52.27 ng/ml



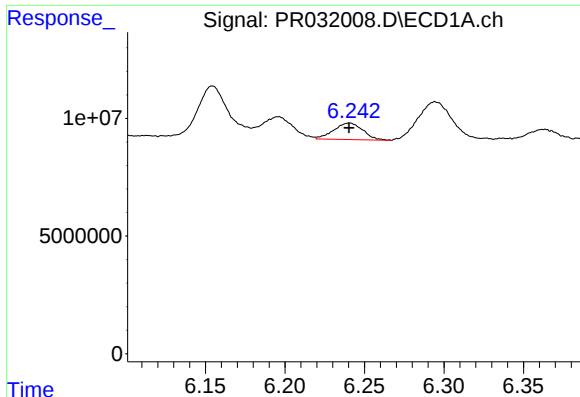
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 12531964
Conc: 54.07 ng/ml



#18 AR-1242-3

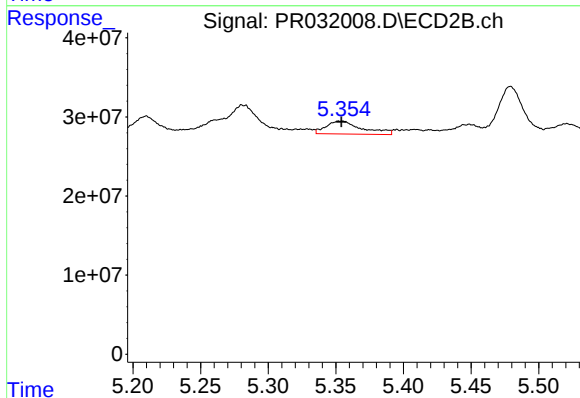
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 23068676
Conc: 55.15 ng/ml



#19 AR-1242-4

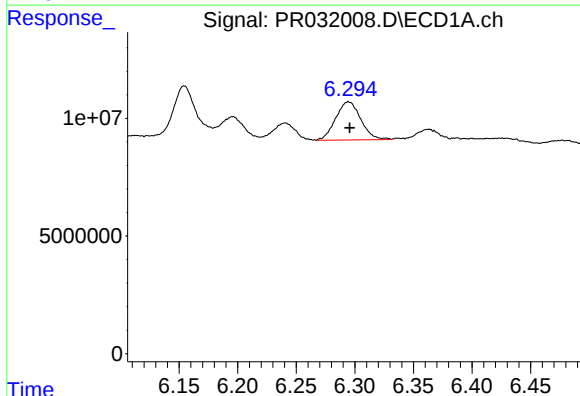
R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 8932038
Conc: 51.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



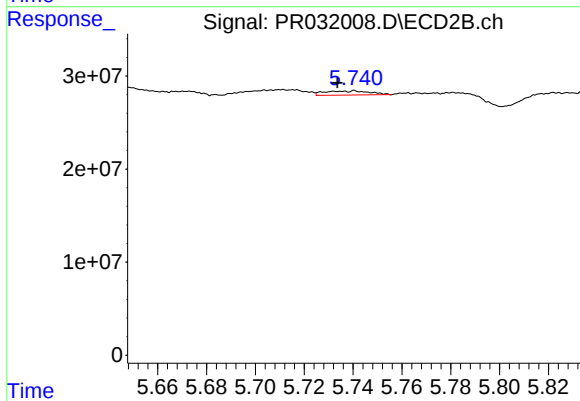
#19 AR-1242-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 30493206
Conc: 77.74 ng/ml



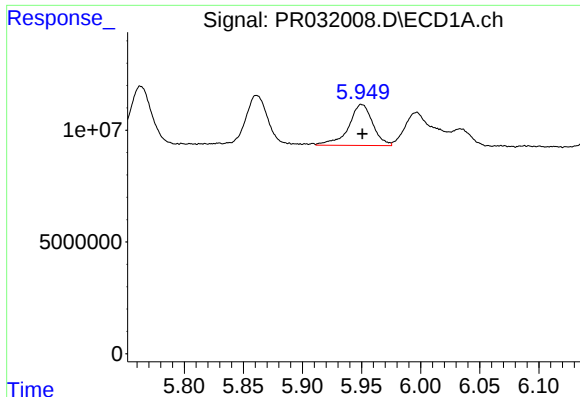
#20 AR-1242-5

R.T.: 6.295 min
Delta R.T.: -0.001 min
Response: 24159208
Conc: 40.50 ng/ml



#20 AR-1242-5

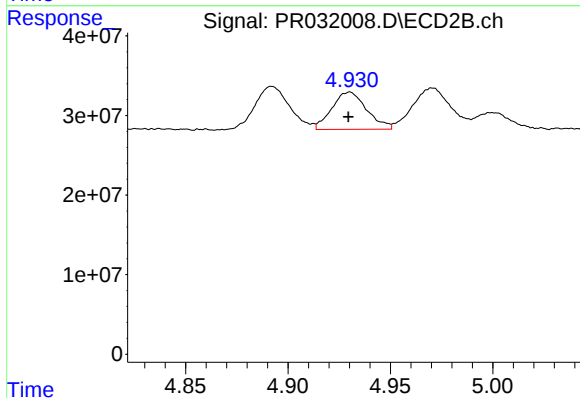
R.T.: 5.741 min
Delta R.T.: 0.007 min
Response: 5853046
Conc: 6.71 ng/ml



#21 AR-1248-1

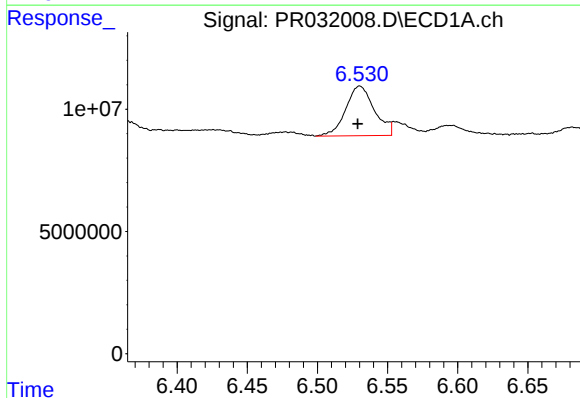
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 26013709
Conc: 33.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



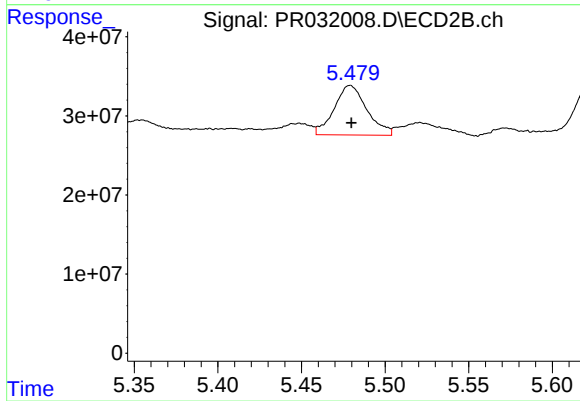
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 55381042
Conc: 32.42 ng/ml



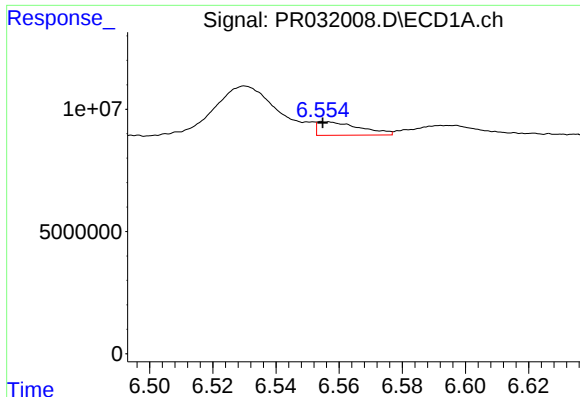
#22 AR-1248-2

R.T.: 6.530 min
Delta R.T.: 0.002 min
Response: 28835164
Conc: 36.07 ng/ml



#22 AR-1248-2

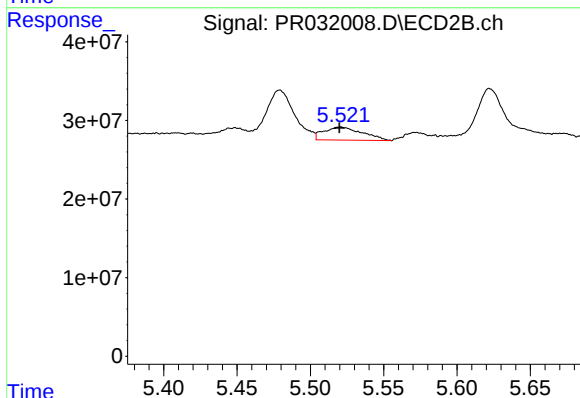
R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 85222939
Conc: 24.63 ng/ml



#23 AR-1248-3

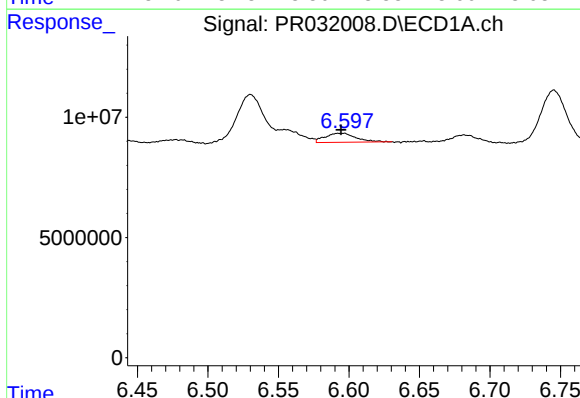
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 5204765
Conc: 4.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



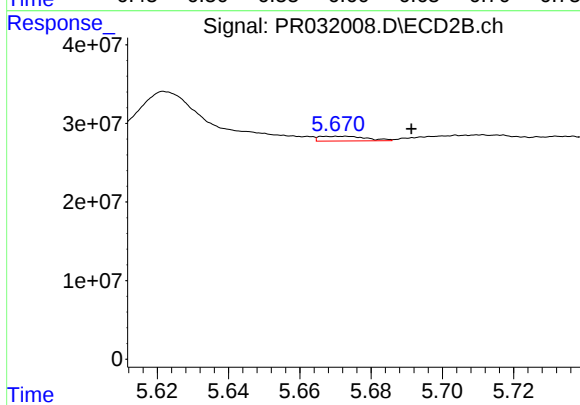
#23 AR-1248-3

R.T.: 5.521 min
Delta R.T.: 0.000 min
Response: 30084751
Conc: 12.19 ng/ml



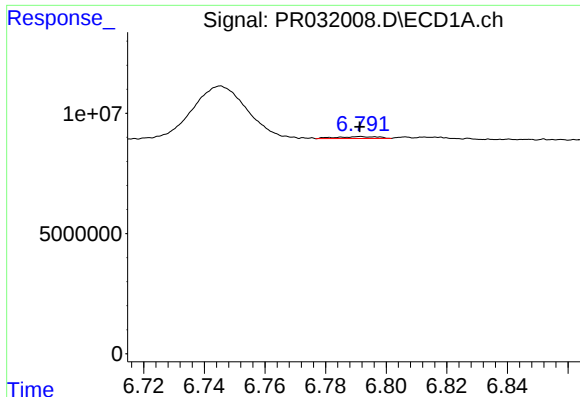
#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 5787897
Conc: 5.71 ng/ml



#24 AR-1248-4

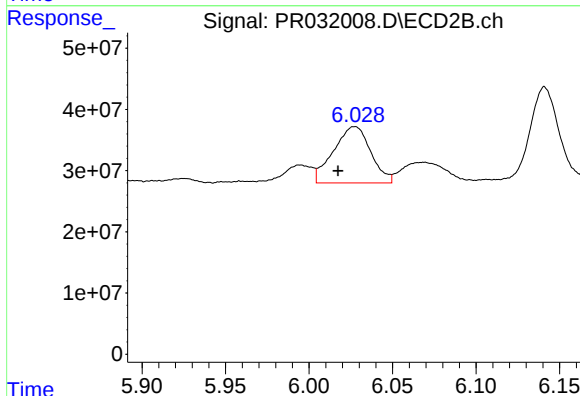
R.T.: 5.672 min
Delta R.T.: -0.019 min
Response: 5505927
Conc: 2.23 ng/ml



#25 AR-1248-5

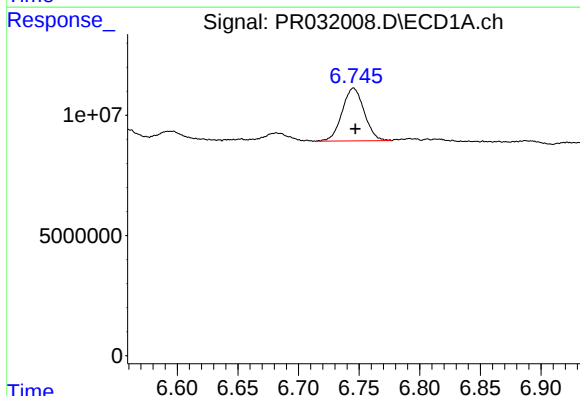
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 738036
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



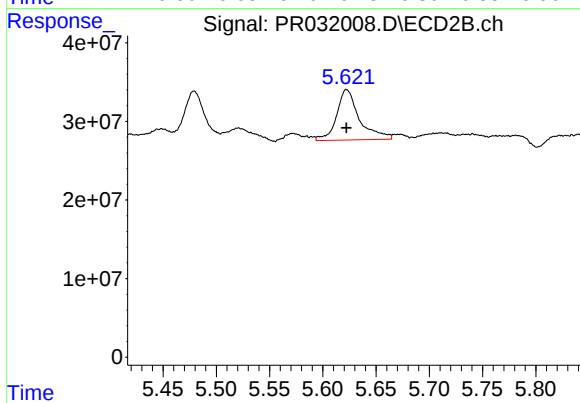
#25 AR-1248-5

R.T.: 6.027 min
Delta R.T.: 0.010 min
Response: 143205179
Conc: 89.72 ng/ml



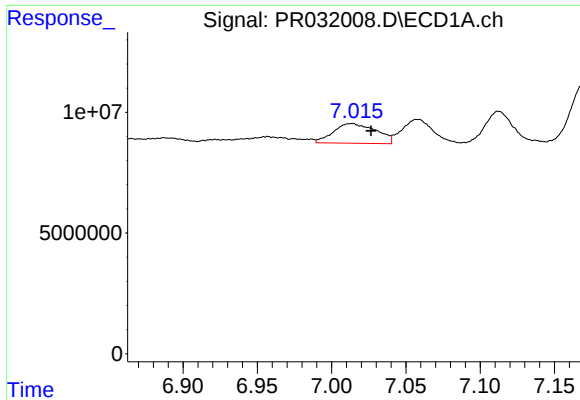
#26 AR-1254-1

R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 27917322
Conc: 14.83 ng/ml



#26 AR-1254-1

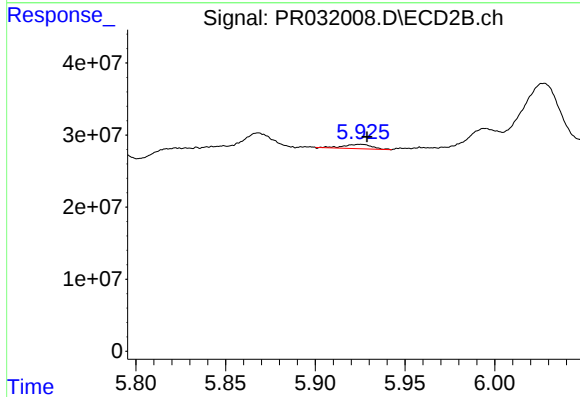
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 95809137
Conc: 25.47 ng/ml



#27 AR-1254-2

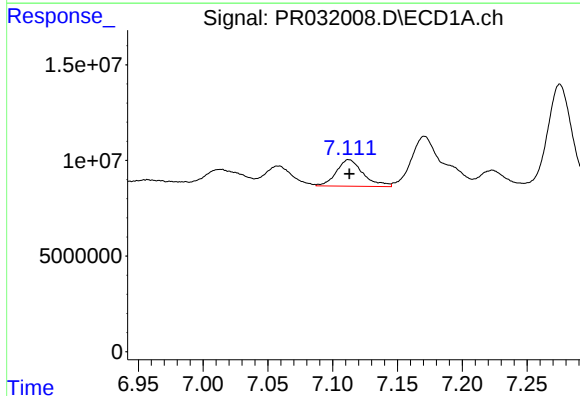
R.T.: 7.013 min
Delta R.T.: -0.013 min
Response: 16325060
Conc: 13.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



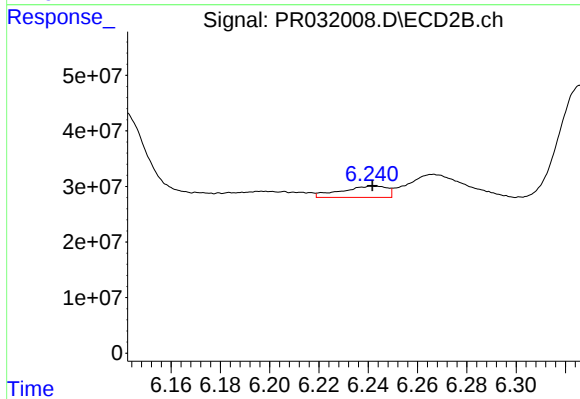
#27 AR-1254-2

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 6792160
Conc: 2.36 ng/ml



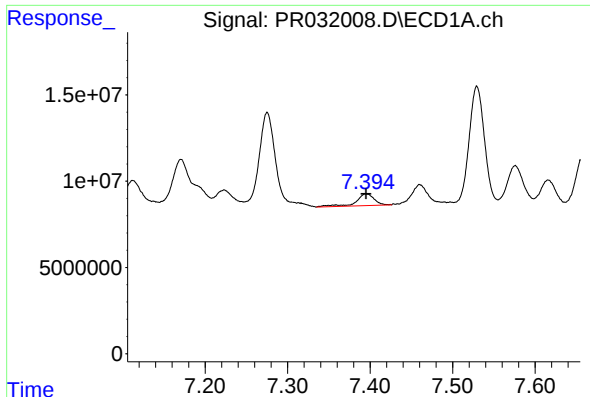
#28 AR-1254-3

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 20000726
Conc: 9.60 ng/ml



#28 AR-1254-3

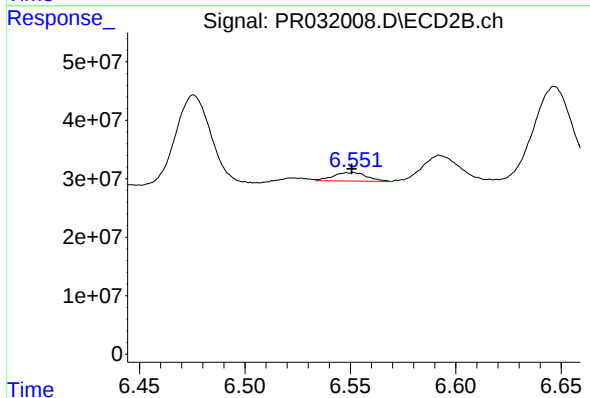
R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 26570182
Conc: 5.89 ng/ml



#29 AR-1254-4

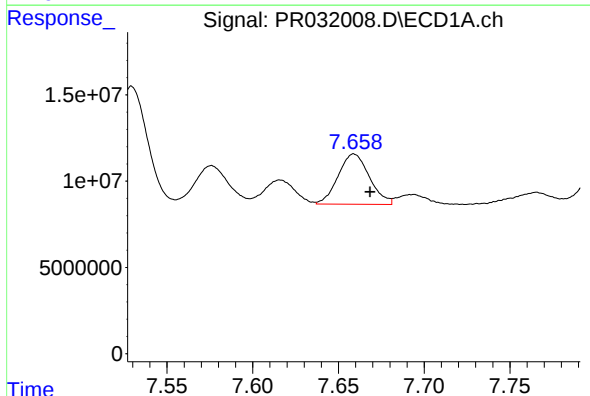
R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 10403464
Conc: 6.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



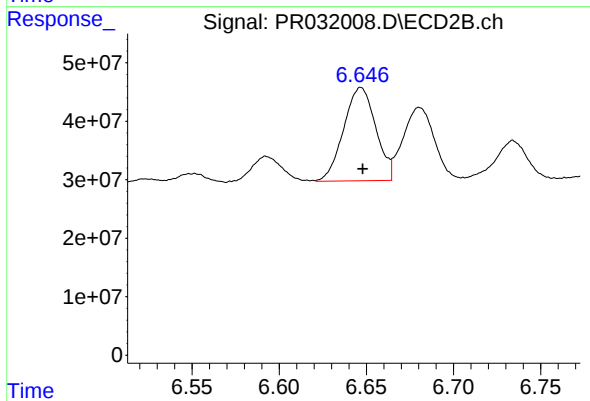
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 16334020
Conc: 7.52 ng/ml



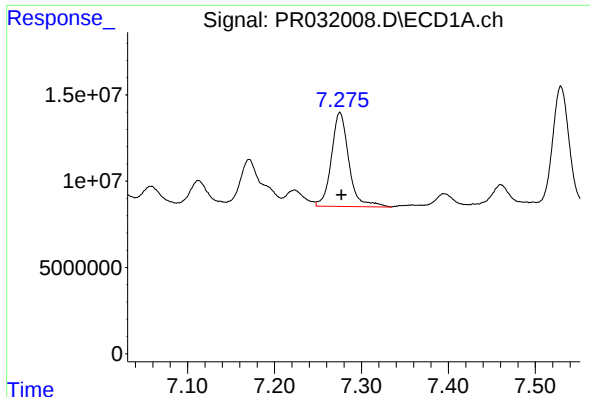
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.010 min
Response: 36986123
Conc: 32.30 ng/ml



#30 AR-1254-5

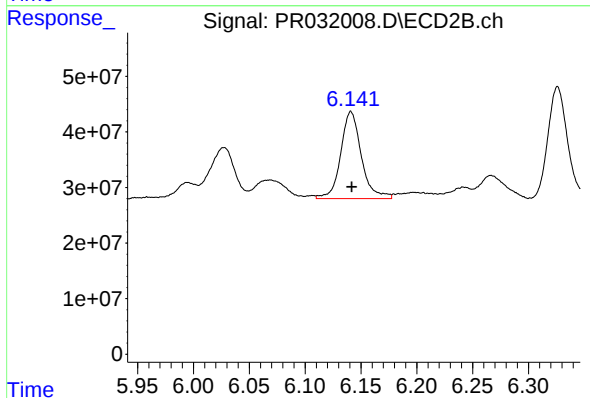
R.T.: 6.647 min
Delta R.T.: -0.001 min
Response: 204995997
Conc: 52.01 ng/ml



#31 AR-1260-1

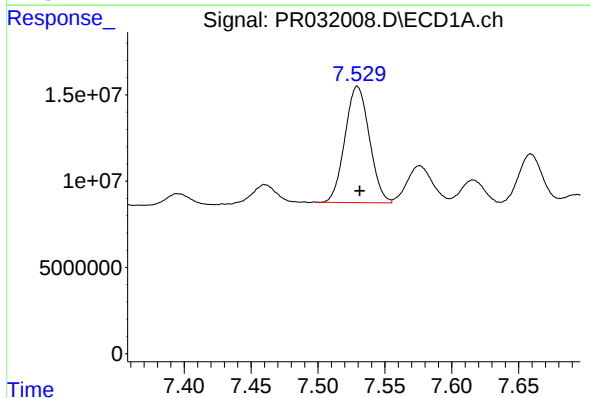
R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 75784032
Conc: 57.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



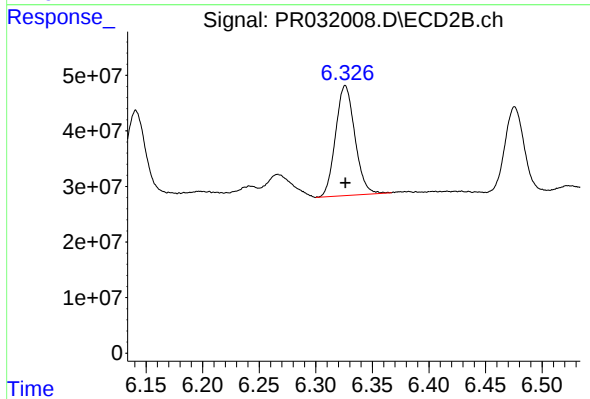
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 201622782
Conc: 58.04 ng/ml



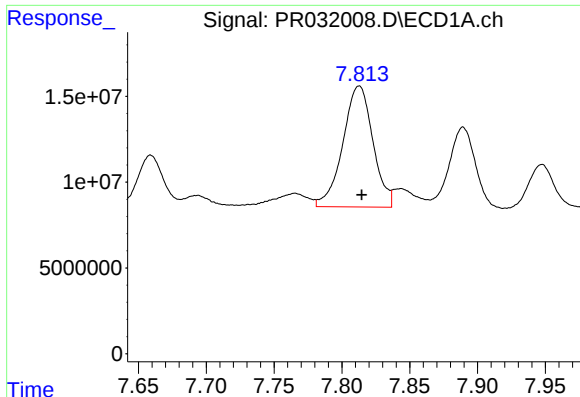
#32 AR-1260-2

R.T.: 7.529 min
Delta R.T.: -0.002 min
Response: 85624370
Conc: 53.57 ng/ml



#32 AR-1260-2

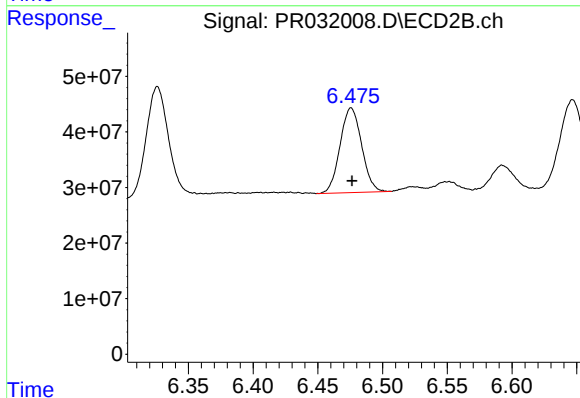
R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 235151950
Conc: 55.34 ng/ml



#33 AR-1260-3

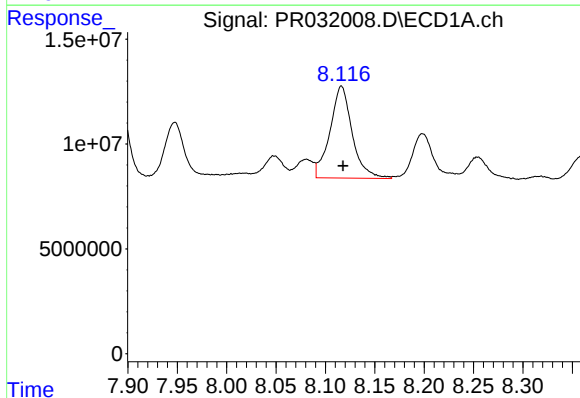
R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 108917435
Conc: 63.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



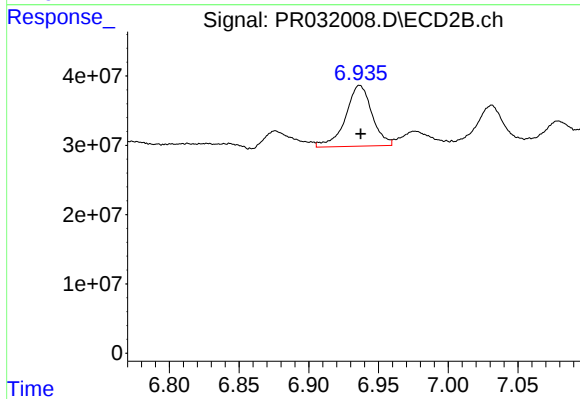
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: 0.000 min
Response: 176758205
Conc: 52.84 ng/ml



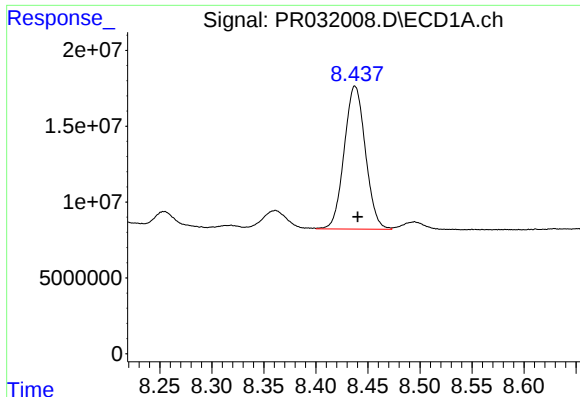
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 68834082
Conc: 57.57 ng/ml



#34 AR-1260-4

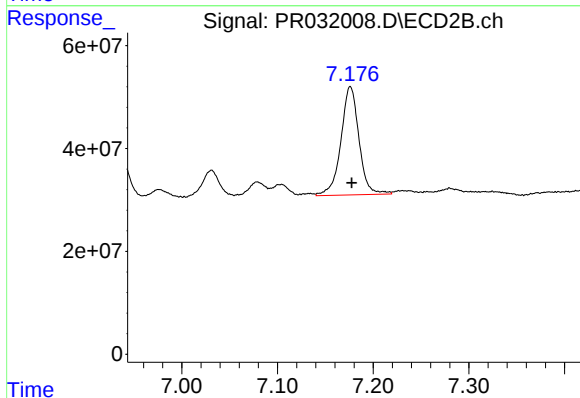
R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 116157090
Conc: 55.65 ng/ml



#35 AR-1260-5

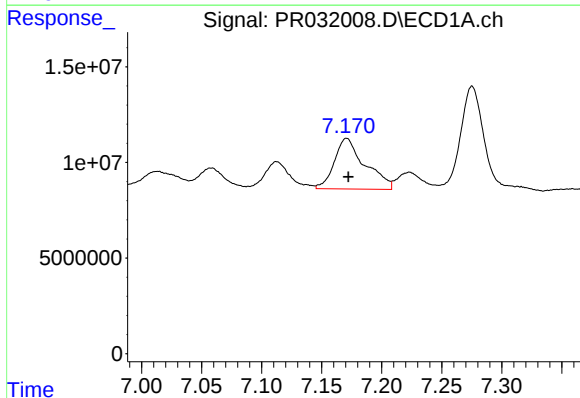
R.T.: 8.438 min
Delta R.T.: -0.003 min
Response: 133707994
Conc: 49.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



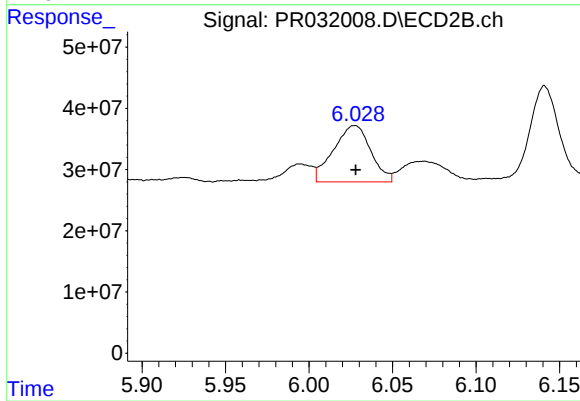
#35 AR-1260-5

R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 277161567
Conc: 62.87 ng/ml



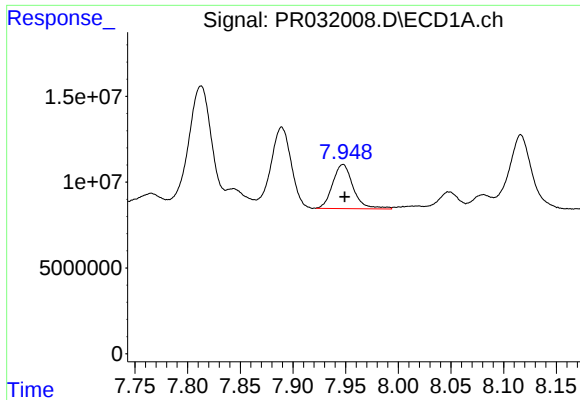
#36 AR-1262-1

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 47142768
Conc: 67.59 ng/ml



#36 AR-1262-1

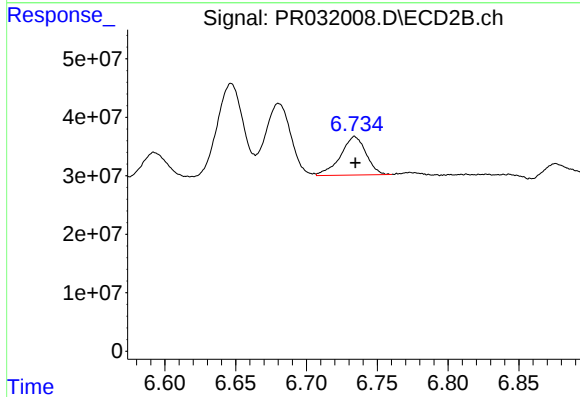
R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 143205179
Conc: 81.28 ng/ml



#37 AR-1262-2

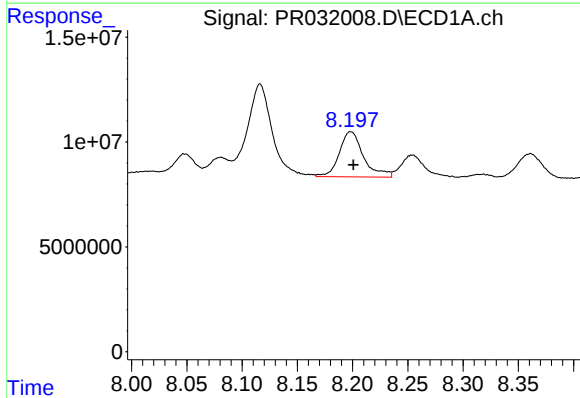
R.T.: 7.947 min
Delta R.T.: -0.002 min
Response: 34883884
Conc: 58.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



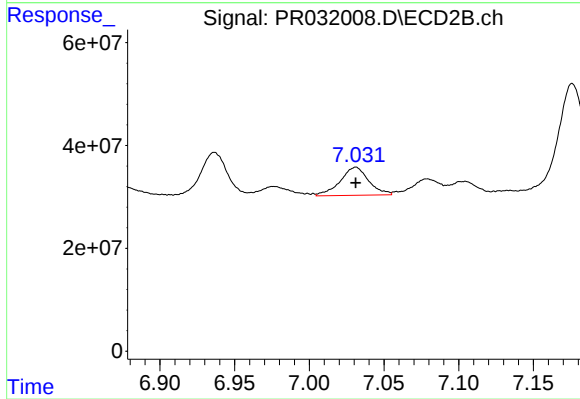
#37 AR-1262-2

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 82828199
Conc: 60.78 ng/ml



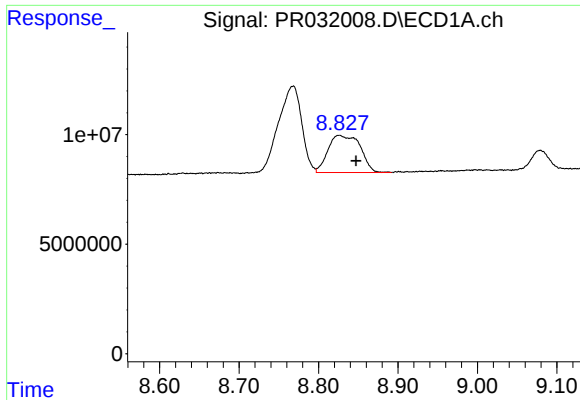
#38 AR-1262-3

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 32878650
Conc: 66.28 ng/ml



#38 AR-1262-3

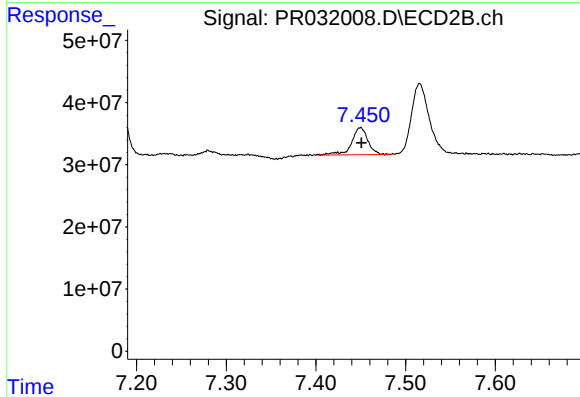
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 72996435
Conc: 62.64 ng/ml



#39 AR-1262-4

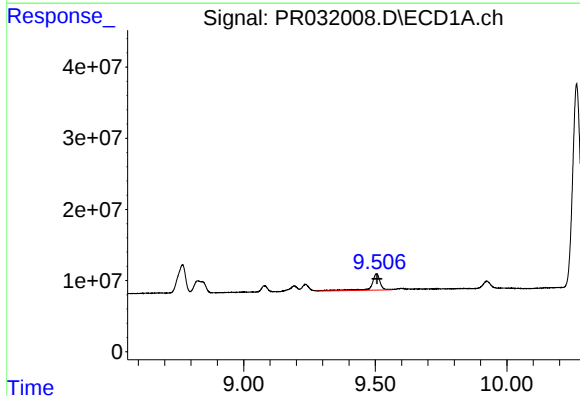
R.T.: 8.826 min
Delta R.T.: -0.021 min
Response: 47971640
Conc: 34.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



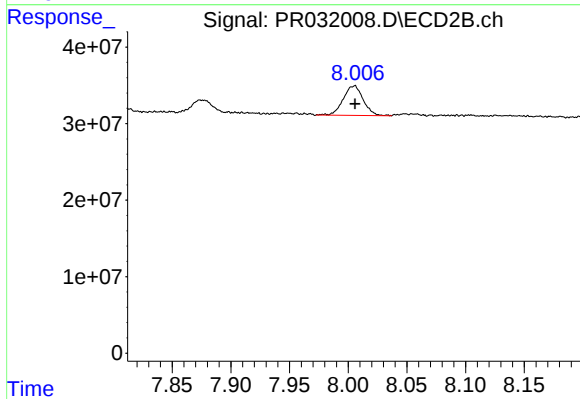
#39 AR-1262-4

R.T.: 7.450 min
Delta R.T.: -0.001 min
Response: 55351880
Conc: 37.21 ng/ml



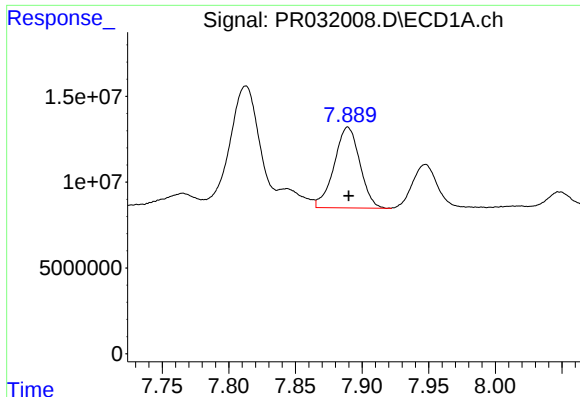
#40 AR-1262-5

R.T.: 9.505 min
Delta R.T.: -0.002 min
Response: 53527070
Conc: 48.64 ng/ml



#40 AR-1262-5

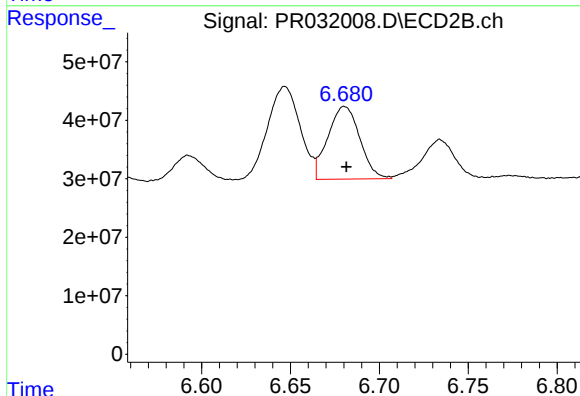
R.T.: 8.005 min
Delta R.T.: 0.000 min
Response: 45870269
Conc: 42.24 ng/ml



#41 AR-1268-1

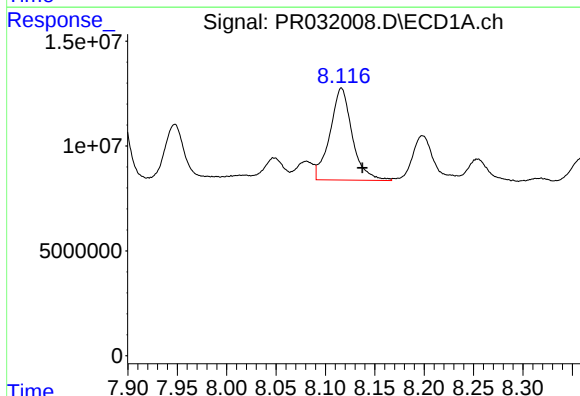
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 63138891
Conc: 91.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



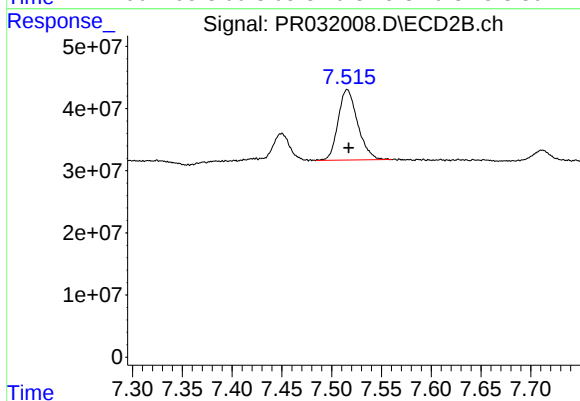
#41 AR-1268-1

R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 155577645
Conc: 101.31 ng/ml



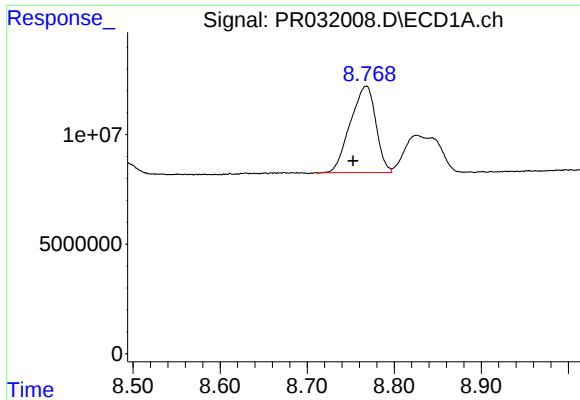
#42 AR-1268-2

R.T.: 8.116 min
Delta R.T.: -0.021 min
Response: 68834082
Conc: 78.24 ng/ml



#42 AR-1268-2

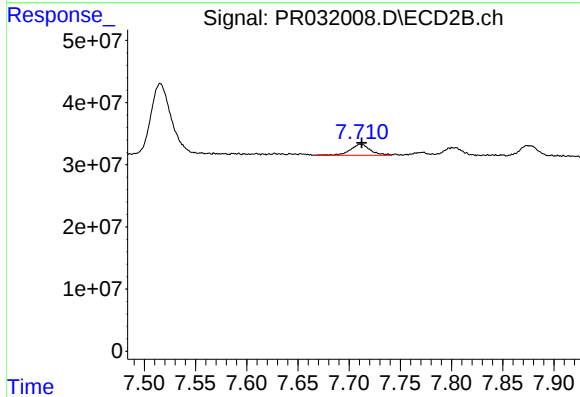
R.T.: 7.516 min
Delta R.T.: -0.001 min
Response: 155269374
Conc: 44.38 ng/ml



#43 AR-1268-3

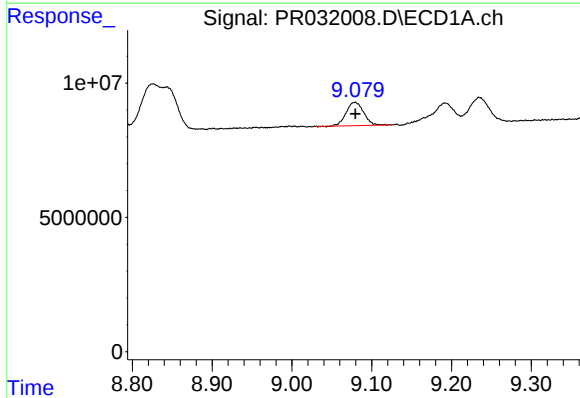
R.T.: 8.768 min
Delta R.T.: 0.015 min
Response: 80258426
Conc: 21.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



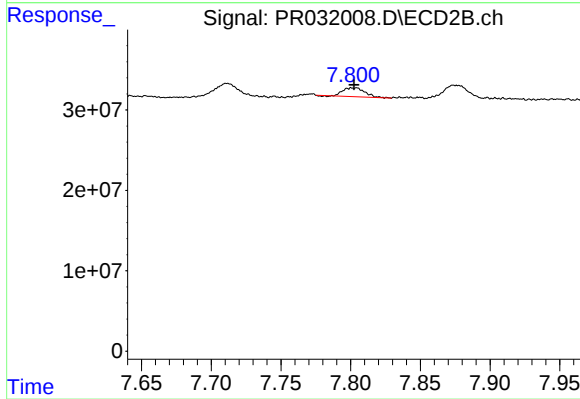
#43 AR-1268-3

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 23911858
Conc: 8.46 ng/ml



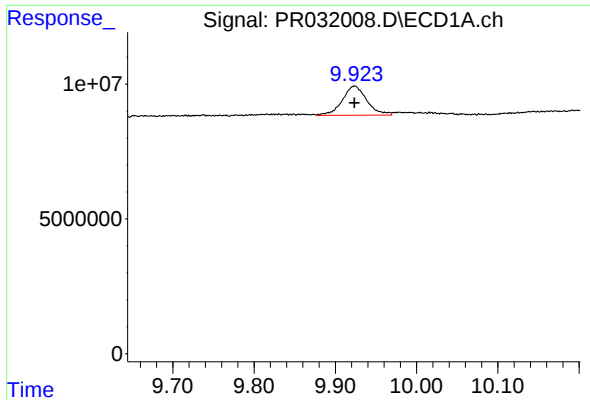
#44 AR-1268-4

R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 13297053
Conc: 4.35 ng/ml



#44 AR-1268-4

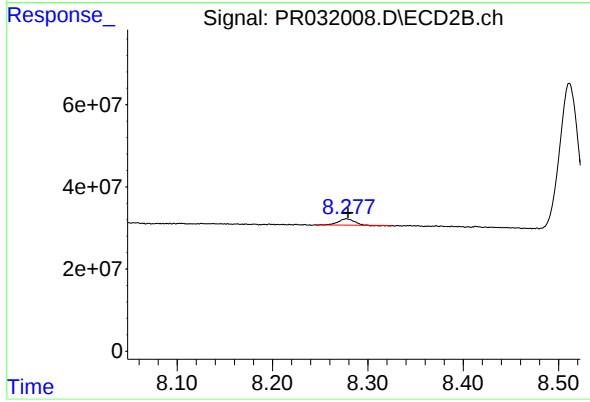
R.T.: 7.803 min
Delta R.T.: 0.000 min
Response: 12040129
Conc: 14.27 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: 0.000 min
Response: 22680314
Conc: 2.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 17495847
Conc: 2.47 ng/ml